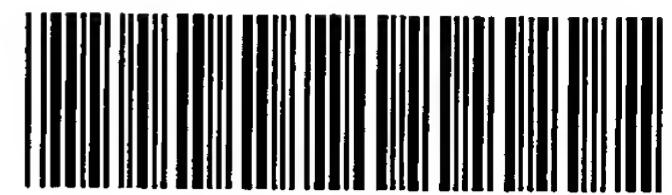


0420

3606

#20



#2

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/076,555

DATE: 03/01/2002
TIME: 12:44:24

Input Set : N:\Crf3\RULE60\10076555.raw
Output Set: N:\CRF3\03012002\J076555.raw

1 <110> APPLICANT: Williams, Lewis T.
 2 Escobedo, Jaime
 3 Innis, Michael A.
 4 Garcia, Pablo Dominguez
 5 Sudduth-Klinger, Julie
 6 Reinhard, Christoph
 7 Giese, Klause
 8 Randazzo, Filippo
 9 Kennedy, Giulia C.
 10 Pot, David
 11 Kassam, Altaf
 12 Lamson, George
 13 Drmanac, Radoje
 14 Crkvenjakov, Radomir
 15 Dickson, Mark
 16 Drmanac, Snezana
 17 Labat, Ivan
 18 Leshkowitz, Dena
 19 Kita, David
 20 Garcia, Veronica
 21 Jones, Lee William
 22 Stache-Crain, Birgit
 23 <120> TITLE OF INVENTION: Novel Human Genes and Gene Expression
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 25 <130> FILE REFERENCE: 2300-1480
 26 <140> CURRENT APPLICATION NUMBER: 10/076,555
 27 <141> CURRENT FILING DATE: 2002-02-15
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 30 <150> PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/068,755
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 34 <150> PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/105,234
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 36 <150> PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/105,877
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 38 <160> NUMBER OF SEQ ID NOS: 844
 39 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 41 <210> SEQ ID NO: 1
 42 <211> LENGTH: 300
 43 <212> TYPE: DNA
 44 <213> ORGANISM: Homo sapiens

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/076,555

DATE: 03/01/2002
TIME: 12:44:24

Input Set : N:\Crf3\RULE60\10076555.raw
Output Set: N:\CRF3\03012002\J076555.raw

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45 <220> FEATURE:
46 <221> NAME/KEY: misc_feature
47 <222> LOCATION: (1)...(300)
48 <223> OTHER INFORMATION: n = A,T,C or G
49 <400> SEQUENCE: 1
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W--> 51 tgnggaggaa cctctggctt gctcattaag tcctactgat tttcaactatc ccctgaattt 120
52 ccccacttat ttttgtctt cactatcgca ggccttagaa gaggtctacc tgcctccagt 180
53 cttacctagt ccagtctacc ccctggagtt agaatggcca tcctgaagtg aaaagtaatg 240
54 tcacattact cccttcagtg atttcttgta gaagtgc当地 tccctgaatg ccaccaagat 300

56 <210> SEQ ID NO: 2
57 <211> LENGTH: 299
58 <212> TYPE: DNA
59 <213> ORGANISM: Homo sapiens
60 <220> FEATURE:
61 <221> NAME/KEY: misc_feature
62 <222> LOCATION: (1)...(299)
63 <223> OTHER INFORMATION: n = A,T,C or G
64 <400> SEQUENCE: 2
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66 gtgagccgag attgcacctt tgtactccag cctggcaac gagcaaaaaaa ctctgtctca 120
W--> 67 aacaaaaaga agaaaaaaaaaa aaaaaaaaaann nnnnnnnnnn nnnnnnnnnn nnnttnttct 180
W--> 68 ggcgnncnagt cccaaantcn taccttgtaa gaccttann tnnctgngg tnttnnna 240
W--> 69 cncttanata nnnttntttn ctatcaanta tagggagant ttcntttng gggcaactt 299

71 <210> SEQ ID NO: 3
72 <211> LENGTH: 300
73 <212> TYPE: DNA
74 <213> ORGANISM: Homo sapiens
75 <220> FEATURE:
76 <221> NAME/KEY: misc_feature
77 <222> LOCATION: (1)...(300)
78 <223> OTHER INFORMATION: n = A,T,C or G
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80 atacgattcg aacnnggaca agacgagtat ggaataatat cccactnnnt ttacaatact 60
W--> 81 ganattatgc nngatagng cttgttccat tcnaccagcg aatnatgcat tnacncnaca 120
W--> 82 cnngagttac tatccaaaca cacgtttca cgntacctga ngctggtna naattatgct 180
W--> 83 accatgaggc tttccangat nttctannt ancagacngn gnacaatgnt gaanaagcng 240
W--> 84 tacacaccgc nctngncnnc cnncactgan cangtnacnn ngctcactgn ngcctttc 300

86 <210> SEQ ID NO: 4
87 <211> LENGTH: 287
88 <212> TYPE: DNA
89 <213> ORGANISM: Homo sapiens
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91 <221> NAME/KEY: misc_feature
92 <222> LOCATION: (1)...(287)
93 <223> OTHER INFORMATION: n = A,T,C or G
94 <400> SEQUENCE: 4
95 aaancngcac gangccacgt ncgnnnngnt nntactnnnc natngccncc tcantggcng 60
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/076,555

DATE: 03/01/2002
TIME: 12:44:24

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Output Set: N:\CRF3\03012002\J076555.raw

W--> 97	cntgccggtc ttgctcnnnn tgtctaccnn gagganannn ntntggaca tcccagactg	180
W--> 98	agtgaggaga tctgcngctg cnncgtact tggttacanc ncacacgang actntncctt	240
W--> 99	ggactanana cactagccta anattcngca ctacctantc ctctggc	287
101 <210> SEQ ID NO: 5		
102 <211> LENGTH: 300		
103 <212> TYPE: DNA		
104 <213> ORGANISM: Homo sapiens		
105 <400> SEQUENCE: 5		
106 gtcctttga accacccaa agaactcaac atggcaaagc aaatggtaaa agttcccga	60	
107 ctgttctact ttgggtccgc gcgaagccca ctcacgttg atctgtgttgc cccctggag	120	
108 gcccggggcg accggaaaag ggctctctca agttctgaaa agagaatctg ccaccagatc	180	
109 gaatttcgac ccctgagctt gttcggacgt atggtccaaa ttcagattaa ggtggtcacc	240	
110 caacccgaga tgtcagggaaa ggccttctgc agagaaaatg tccccccacc cgccatctgc	300	
112 <210> SEQ ID NO: 6		
113 <211> LENGTH: 284		
114 <212> TYPE: DNA		
115 <213> ORGANISM: Homo sapiens		
116 <220> FEATURE:		
117 <221> NAME/KEY: misc_feature		
118 <222> LOCATION: (1)...(284)		
119 <223> OTHER INFORMATION: n = A,T,C or G		
120 <400> SEQUENCE: 6		
W--> 121 tntcccttt gacgccttan tgccctnnncg ctacnngtcc nttaggcctt atcccatcgn	60	
W--> 122 ccntcgtnn gcattctgcc nnagantgac tttncnatca tgcntnatnn gtnnttacna	120	
W--> 123 ggggctnggg tgaattntta caccctgcna ntccatanca cantgccntg cnagctncac	180	
W--> 124 cctcntgaat aaatgcaata aantttcngt tgatcttata caccttatgc ncctantta	240	
W--> 125 atcagccctn nttnacnana tcnanttata cnggtattaa aaca	284	
127 <210> SEQ ID NO: 7		
128 <211> LENGTH: 277		
129 <212> TYPE: DNA		
130 <213> ORGANISM: Homo sapiens		
131 <220> FEATURE:		
132 <221> NAME/KEY: misc_feature		
133 <222> LOCATION: (1)...(277)		
134 <223> OTHER INFORMATION: n = A,T,C or G		
135 <400> SEQUENCE: 7		
136 gtgctgcaga caacacaccc tcctgatgga ggtgtccggc tgatggagaa gtctgtggc	60	
137 ttgtaaatca tctttgatgt taaccaggcc gacgctgtgg ccacattccg aaagattaac	120	
W--> 138 cctgtcaaac cctannnnnn nnnnnnnnnnn nnnggatttg atnagcctgt nccanacctc	180	
W--> 139 tgcagcctcn ancggtngtt ntaccatagt gggatgacc ctctgatact ttgnccctgg	240	
W--> 140 ngancatgnt gacanntgct tctacagctt nngggac	277	
142 <210> SEQ ID NO: 8		
143 <211> LENGTH: 292		
144 <212> TYPE: DNA		
145 <213> ORGANISM: Homo sapiens		
146 <220> FEATURE:		
147 <221> NAME/KEY: misc_feature		
148 <222> LOCATION: (1)...(292)		
149 <223> OTHER INFORMATION: n = A,T,C or G		

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/076,555

DATE: 03/01/2002
TIME: 12:44:24

Input Set : N:\Crf3\RULE60\10076555.raw
Output Set: N:\CRF3\03012002\J076555.raw

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151      cttgggaggc tgagtcagga gaattgctt agcccaggag atggaggttg cagtggcca 60
152      agatcatgcc actgcactcc agactggca acagagggag actccgtctc aaaaactaaa 120
153      aaaaaaaaaata catttagtat agcgggggt gggcgggaga aataatgtta tttcctatgc 180
W--> 154      aaatgacgnn nnnnnnnnnn cccatggtaa atgttaat atgcgtctn ttttggana 240
W--> 155      gccttttgcctt aangagtct tanatgaatc tctanntnat gantttact tg 292
157 <210> SEQ ID NO: 9
158 <211> LENGTH: 300
159 <212> TYPE: DNA
160 <213> ORGANISM: Homo sapiens
161 <400> SEQUENCE: 9
162      ccaggttagc tgctgaatca aagttcaaa cagaagttaa agaaggaaaa gaaacttcaa 60
163      gcaaatttggaa aaaagaaaact tgtaagaaat cacaccctat tctatatgtg tcttctaaat 120
164      ctactccaga gacccagtgc cctcaacagt aaagactttt ctttaataag agtacggtgc 180
165      cacttgcctc aaaagttact atggtgctt agattgtctt gatctgacat atatcacctt 240
166      ctgggttatt tactcattgt gccaggacct ggcattttca tgtgccttg accaagtgtt 300
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169 <211> LENGTH: 300
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171 <213> ORGANISM: Homo sapiens
172 <220> FEATURE:
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174 <222> LOCATION: (1)...(300)
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177      aggaggcgga gcttgcagtg agctgagatc ggcactgc actccagcct gggcaacaga 60
W--> 178      gtgagactct gtctcaaaaaa aaaaaaaaaaaa nnnnnnnnnn nnnnnnnnnnaa nctcgtnnn 120
W--> 179      gnaaggaaan ggggnaangg accggtnnta tncctatgtt gtntttgcag gcaaangaaa 180
W--> 180      nggacccttt tttgtaaaaaa aaagtctttt gnncaantaa acgggtntg ngggtncagg 240
W--> 181      ccctggnggg gcncncantt gcctggnggc ttntgnnaaa tcggnaaagg gaggaaaggc 300
183 <210> SEQ ID NO: 11
184 <211> LENGTH: 300
185 <212> TYPE: DNA
186 <213> ORGANISM: Homo sapiens
187 <220> FEATURE:
188 <221> NAME/KEY: misc_feature
189 <222> LOCATION: (1)...(300)
190 <223> OTHER INFORMATION: n = A,T,C or G
191 <400> SEQUENCE: 11
192      cgtctgtat cccagctgct tgggaggctg aggcaaggaga atcacttgc ccctggaggt 60
193      ggcggtttca gtgagcacag atcatgccac tgcactccag cctggcaac aaaacgagac 120
W--> 194      ttcgtctcaa aaaaaaaaaan nnnnnnnnnn nnnnnnnnnn nncgggtct cccaaattnt 180
W--> 195      tttnagggn ccatggncaa ctgnttnacn tttgttngg naacccttg cccnaagncg 240
W--> 196      cananaggct gtnntnncc ttgttnccaa ggntgaggan caaaaagtac cctntgtttt 300
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199 <211> LENGTH: 300
200 <212> TYPE: DNA
201 <213> ORGANISM: Homo sapiens
202 <400> SEQUENCE: 12

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/076,555

DATE: 03/01/2002
TIME: 12:44:24

Input Set : N:\Crf3\RULE60\10076555.raw
Output Set: N:\CRF3\03012002\J076555.raw

203	caaagatggt cgtattacta aaggtgaata accagcgcgg ggggcacgtg gagtcactgg	60
204	aacatttgtg caatgctggt gggaatgtca acccggtgcgg ccctctggaa taaggctggc	120
205	agctcctcca agagttaccg tgtgacccag caattccact cctagctcca cccacaggaa	180
206	ttgaaagcaa agacgcaa ac agatgcctgt gcaccaaagt tcacggcagc atccttcgcc	240
207	atagtggcag catccgtcgt cacagcggca tcatcctca tcatagcggc agcatccgtc	300
209	<210> SEQ ID NO: 13	
210	<211> LENGTH: 278	
211	<212> TYPE: DNA	
212	<213> ORGANISM: Homo sapiens	
213	<220> FEATURE:	
214	<221> NAME/KEY: misc_feature	
215	<222> LOCATION: (1)...(278)	
216	<223> OTHER INFORMATION: n = A,T,C or G	
217	<400> SEQUENCE: 13	
218	cctgcagcca ctaatgcatt gtgtatgata aaaaaactc tggtatgaca cattttctgt	60
219	gatcattgtt aattagtgtac atagtaacat ctgtacgc tggttagtaa acctcatgtg	120
W--> 220	ggggaggtgt gggaggtttt nncgnnnnn nnngcnnnnn anncccggn nngnnngaag	180
W--> 221	ctgnnnnttn naannngcnn nnnannatga naannncnn ngactggnnn nangaggcct	240
W--> 222	ancccntgnt ttananaaac nnncnnncagn ntctctca	278
224	<210> SEQ ID NO: 14	
225	<211> LENGTH: 300	
226	<212> TYPE: DNA	
227	<213> ORGANISM: Homo sapiens	
228	<400> SEQUENCE: 14	
229	gtgtcttcatttaccaggta ggaaccttaag aaattaaatt ctccagaaga aactgcttt	60
230	cagacaccaa aatctagcca gatgcctcgg cttcagtgc caccattagt taaaacatca	120
231	ctgtttctt caaaattatc tacacctgat gttgtgagcc catttggac cccatttggc	180
232	tctagtgtaa tgaatcgat ggctggaatt tttgtatgtaa acacctgcta tgggtcaccg	240
233	caaagtccctc agctaataag aagggggcca agattgtgga catcagcttc tgatcagcaa	300
235	<210> SEQ ID NO: 15	
236	<211> LENGTH: 300	
237	<212> TYPE: DNA	
238	<213> ORGANISM: Homo sapiens	
239	<400> SEQUENCE: 15	
240	gttatattaa attattcttt ttcttttaat aaagcctgca agttactaaa	60
241	ttgttagttc ataaattctg tagtaaagta tcattttggc agtgtgccaa aggtaaaaat	120
242	gatgctttct ctaacagaga aattcttagt gactccagtc gtagaaaaac gtctttacaa	180
243	cctgaataag attgaagaat tgtgaacata ccatggccta ttggatgaat cattgccgt	240
244	aggctaaatc agactgttagg gtttgcgtatg gatttatgga gtatgtgggt atagaaatca	300
246	<210> SEQ ID NO: 16	
247	<211> LENGTH: 276	
248	<212> TYPE: DNA	
249	<213> ORGANISM: Homo sapiens	
250	<220> FEATURE:	
251	<221> NAME/KEY: misc_feature	
252	<222> LOCATION: (1)...(276)	
253	<223> OTHER INFORMATION: n = A,T,C or G	
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255	gtttcattta agaagaatga gctagataaa tgtgctttc tggttacccc accctgacag	60

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/076,555

DATE: 03/01/2002
TIME: 12:44:25

Input Set : N:\Crf3\RULE60\10076555.raw
Output Set: N:\CRF3\03012002\J076555.raw

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L:399 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:424 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:517 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:605 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:731 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57



Creation date: 08-26-2003

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Team: OIPEBackFileIndexing

Dossier: 10076555

Legal Date: 05-28-2002

No.	Doccode	Number of pages
1	IDS	4

Total number of pages: 4

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